

Jacqueline Zhou | Junior Software Engineer

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SUMMARY

I am a dynamic, self-motivated individual with an innate curiosity for the world around me. From studying biology in university to managing a variety of accounts at a fast-paced, international digital marketing agency, I enjoy solving problems and tackling new challenges. I love the rewarding nature of coding and am excited to continue learning, creating, and growing as a software developer.

SKILLS

- Front-end: JavaScript, React, HTML, CSS, Material UI, Sass, Bootstrap
- Back-end: Python, Django, PostgreSQL, Express.js, Node.js, MongoDB, Mongoose, SQL, Insomnia, TablePlus
- Other: R, RESTful APIs, CRUD APIs, Git, GitHub, npm, yarn, pipenv, Google Analytics

EDUCATION

- Codecademy Data Structures and Algorithms with Python** 06/2022 - 07/2022
- General Assembly Software Engineering Immersive — London, UK (remote)** 03/2022 - 06/2022
- 500+ hours of applied learning and development across both front-end and back-end development, with daily stand-ups, workshops, and homework, culminating in 4 projects
 - Building skills and familiarity with JavaScript, HTML, CSS, the MERN stack, Python, Django, and PostgreSQL
- Harvard CS50 Online Course** 09/2020 - 12/2020
- State University of New York at Geneseo — Bachelor of Science in Biology** 08/2015 - 05/2019
- Relevant coursework: Biological Data Analysis with R, Introduction to Programming with Python

PROJECTS

- BetterCred (Python, Django, React, JavaScript, Material UI, HTML, Sass, PostgreSQL)** [GitHub](#) | [Live](#)
Credit card directory that allow users to find and save credit cards that suit their lifestyle needs to a wallet
- Solo full-stack project creating a RESTful API that consumes a PostgreSQL database for credit cards
 - Designed a relational database by first mapping relationships with an ERD, then building out models with Django
 - Used React, Sass, and Material UI to develop and style a responsive front-end with dark-mode capability
- Plantpedia (MongoDB, Express.js, React, Node.js, JavaScript, Material UI, HTML, Sass, Mongoose)** [GitHub](#) | [Live](#)
App designed specifically for plants, allowing users to find and add information about their favorite house plants
- Group project using Express.js, developing a CRUD API with a MongoDB database for house plants
 - Capability for users to login/register, using BCryptJS for password encryption and JWT for authentication
 - Implemented add/edit forms, pagination of comments, date sorting for comments, and dark mode capability
- Recipe Finder (React, JavaScript, HTML, Sass)** [GitHub](#) | [Live](#)
A web app that allows users to find new, exciting recipes by category and save them to their browser
- Hackathon project that consumes a public API and displays recipes based on category or cuisine types
 - Users are able to search by name for recipes, or generate random recipes with the click of a button
 - Implemented a favoriting feature that allows users to persist a unique collection of recipes to their local storage, using JSON parse and stringify methods
- Lo-Fi Tetris (JavaScript, HTML, CSS)** [GitHub](#) | [Live](#)
Tetris clone with a lo-fi-themed twist

- Solo project built using vanilla JavaScript to create and manipulate DOM elements, allowing users to shift tetronimo pieces left/right, rotate pieces, and clear rows when filled all by altering element classes
- The score and speed increments up as more lines are cleared, with the highest score saved to local storage

EXPERIENCE

Paid Search Account Manager, Search Laboratory — Brooklyn, NY **04/2021 - 03/2022**

- Researched and strategized within cross-channel teams to identify market growth opportunities for clients
- Planned, launched, and managed campaigns across 5 global accounts with monthly budgets between 11k-200k
- Prepared and presented weekly, monthly, and quarterly meetings to key client stakeholders across a variety of B2B and B2C industries (Fintech, eCommerce, SaaS, PaaS)

Paid Search Executive, Search Laboratory — Brooklyn, NY **10/2019 - 04/2021**

- Audited internal and prospective accounts to identify key areas for growth, pitching findings directly to clients
- Independently working to deliver a range of tasks including market/competitor research, creation and A/B testing of ad copy, keyword research, performance forecasting, and dashboard/report creation

Freelance Writer, Beauty News NYC — Remote **06/2020 - Present**

- Proactive creation and publishing of 25+ high-quality beauty/lifestyle-related editorial pieces using WordPress
- Establishing and maintaining relationships with various PR agencies and media contacts

Laboratory Assistant, State University of New York at Geneseo — Geneseo, NY **01/2019 - 05/2019**

- Designed and executed lesson plans, leading and teaching ~20 undergraduate students alongside lab instructor

Research Assistant, State University of New York at Geneseo — Geneseo, NY **08/2018 - 05/2019**

- Researched, planned, and executed an ecological study on spider-ant dueling behavior, analyzing data with R
- Awarded the 2019 Geneseo Foundation's Undergraduate Research Grant and 3rd place Presentation Winner at the 2019 Northeastern Natural History Conference, attended by 500+ scientists

INTERESTS

- I enjoy watercolor painting, figure drawing, and sketching with graphite and charcoal. My favorite subjects to draw at the moment are birds and any unique animals that catch my eye (ig: [@jacqizart](#))
- I am also a big fan of cooking and baking new recipes, inspired either from the places I've traveled or the places I'd love to visit some day. I love the heritage and cultural history that we can experience through trying new foods